and Final Bill

sion: Yalahanka

ceived No. ....

eduled Docted No.

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works) Date.....20.....

YNK-DBR No.....

Date Date.....

Sub division: Yalahanka

Cash Book Voucher No..... dated.....

AEE/YNK SUB. DN
SBR No. 18/22-23
Date 6/6/2022

ime of Work :**Additional Developmental Works to Telugu School in Chowdeshwari Ward no-02**

e of Contractor and Full Address: **Sri B.B. Umesha M/S SMLP Asphlats No:1265 Ground floor,HIG,Bsector Next to Andra Bank, Major sandeep unnikrishan road Yalahanka New town bangalore-560064**

erence to Work order No BBMP/EE/YNK.D/EPMT-10/ WO/34/2021-22 Dt: 29-07-2021

Certified that the measurement were taken by me on 02/05/2022 and recorded of pages: 586301 To 586338 of measurement Book No: 5864

and that the work is satisfactorily executed

Contractor :

Officer-In-Charge of work

Certified that the measurements were taken by me on 02/05/2022 are found correct and the

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Gross Amt =Rs 49,52,878=00
2) Deduct amount to be held in reserve being.....percent Rs.....	FSD =Rs
3) Deduct amount to be held in Balance	CC =Rs 44223=00
4) Deduct Payments:	SC =Rs 44223=00
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No..... Amount adjusted towards cash advance recovery of	IT =Rs 99058=00
b) Payments cost store or other materials supplied Now made recovery of amount creditable to this/other work	LC =Rs 49529=00
Amount paid on this bill Cheque/Cash	CRF =Rs 49528=00
5) Balance being unpaid value of work done held in reserve	24817=00
6) Deduct cash advance made on the Office Cash Book Voucher No dated..... less adjustments	Royalty Rs.
7) Net amount due to or from contractor	T.D Rs 2,66,803=00
Unadjusted items	Net Amount Rs 46,86,075=00
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

Contractor's Signature

(For use in the Office)

Received **Rs.**

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated.....

Stamp

Signature of Contractor

Audited & Admitted for Rs. 49,52,878=00
Forty Nine Lakh fifty two Thousand Eight hundred and Seventy Eight only
46,86,075=00 by Cheque
and Rs. 2,66,803=00 by adjusement

Executive Engineer

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Additional Developmental Works to Telgu School in Chowdeshwari Ward no-02.

Client: Sri B.H Umesha MUNSMLP ASPHALTS

ABSTRACT BILL

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour,curing etc., complete as per specification do - minimum width of 1200mm (gang saw water cut) Ground Floor	Sqm	246.81	2235.59	551757.03	0.00	2235.59	0.00	246.81	2235.59	551757.03	246.81	551757.03
2	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification do - minimum width of 1200mm (gang saw water cut) First Floor	Sqm	263.61	2235.59	589323.88	0.00	2235.59	0.00	263.61	2235.59	589323.88	263.61	589323.88
3	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification do - minimum width of 1200mm (gang saw water cut) Second Floor	Sqm	260.58	2235.59	582541.10	0.00	2235.59	0.00	260.58	2235.59	582541.10	260.58	582541.10
4	KSRDB SE/09-14.1 Dismantling of existing structures like carriageways, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling Brick / Tile work. A. In lime mortar MORTH	Cum	10.32	1732.01	17874.34	0.00	1732.01	0.00	10.32	1732.01	17874.34	10.32	17874.34
5	KSRB 2.2.6 Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not exclading 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour. HOM complete as per specifications	Cum	108.50	489.41	53100.01	0.00	489.41	0.00	108.50	489.41	53100.01	108.50	53100.01
6	KSRB 2.8 Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete	Cum	4.45										
	(Qty Up to 125%)		3.80	2647.61	10060.92	0.00	2647.61	0.00	3.80	2647.61	10060.92	3.80	10060.92
	(Qty Above125%)	Cum	0.65	2657.69	1727.50	0.00	2657.69	0.00	0.65	2657.69	1727.50	0.65	1727.50
7	KSRB 4-1.3 Providing and laying in position plain cement concrete nof Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal course aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	21.64										
	(Qty Up to 125%)		16.53	5561.18	91926.31	0.00	5561.18	0.00	16.53	5561.18	91926.31	16.53	91926.31
	(Qty Above125%)	Cum	5.11	5582.34	28550.89	0.00	5582.34	0.00	5.11	5582.34	28550.89	5.11	28550.89

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8	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1.4.2	Cum	4.34	5807.52	25204.64	0.00	5807.52	0.00	4.34	5807.52	25204.64	4.34	25204.64
9	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6	Cum	20.27	5009.64	101545.40	0.00	5009.64	0.00	20.27	5009.64	101545.40	20.27	101545.40
10	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page No 23 item No 5.6	Cum	3.21	6545.45	21030.53	0.00	6545.45	0.00	3.21	6545.45	21030.53	3.21	21030.53
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	44.92										
	(Qty Up to 125%)		22.29	219.09	4883.52	0.00	219.09	0.00	22.29	219.09	4883.52	22.29	4883.52
	(Qty Above125%)	Cum	22.63	219.92	4976.87	0.00	219.92	0.00	22.63	219.92	4976.87	22.63	4976.87
12	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 133,Item No17.4	Cum	47.18	179.85	8485.32	0.00	179.85	0.00	47.18	179.85	8485.32	47.18	8485.32
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	97.83										
	(Qty Up to 125%)		90.30	281.22	25394.17	0.00	281.22	0.00	90.30	281.22	25394.17	90.30	25394.17
	(Qty Above125%)	Sqm	7.53	282.29	2124.23	0.00	282.29	0.00	7.53	282.29	2124.23	7.53	2124.23
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	35.92	390.22	14016.31	0.00	390.22	0.00	35.92	390.22	14016.31	35.92	14016.31
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	34.43	497.04	17113.09	0.00	497.04	0.00	34.43	497.04	17113.09	34.43	17113.09
16	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	47.41										
	(Qty Up to 125%)		45.75	439.27	20096.60	0.00	439.27	0.00	45.75	439.27	20096.60	45.75	20096.60
	(Qty Above125%)	Sqm	1.66	498.93	828.48	0.00	498.93	0.00	1.66	498.93	828.48	1.66	828.48

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			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
17	KSRB 4-6.9 Providing and removing centering, shuttering, strutting,propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	4.20	479.60	2015.04	0.00	479.60	0.00	4.20	479.60	2015.04	4.20	2015.04
18	KSRB 4-6.2 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specifications No. KBS 4.6.2 - do - 0 to 5 mts	Sqm	67.71	822.95	55721.94	0.00	822.95	0.00	67.71	822.95	55721.94	67.71	55721.94
19	KSRB 4.2.1 Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	28.00										
	(Qty Up to 125%)		26.43	6589.05	174115.65	0.00	6589.05	0.00	26.43	6589.05	174115.65	26.43	174115.65
	(Qty Above125%)		1.58	6359.19	10021.13	0.00	6359.19	0.00	1.58	6359.19	10021.13	1.58	10021.13
20	KSRB 4.2.1 Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	5.05										
	(Qty Up to 125%)		4.89	6589.05	32220.45	0.00	6589.05	0.00	4.89	6589.05	32220.45	4.89	32220.45
	(Qty Above125%)	Cum	0.16	6359.19	1017.47	0.00	6359.19	0.00	0.16	6359.19	1017.47	0.16	1017.47
21	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges)Ready mixed Cement concrete M-25	Cum	10.64	5933.96	63137.33	0.00	5933.96	0.00	10.64	5933.96	63137.33	10.64	63137.33
22	KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3	tonne	5.60	77352.94	432965.75	0.00	77352.94	0.00	5.60	77352.94	432965.75	5.60	432965.75
23	KSRB 5-14.1 Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 do - with solid concrete blocks of size 400x200x200mm	Sqm	108.90	994.08	108255.31	0.00	994.08	0.00	108.90	994.08	108255.31	108.90	108255.31

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24	KSRB 5-15 Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4	Sqm	67.68	883.99	59828.44	0.00	883.99	0.00	67.68	883.99	59828.44	67.68	59828.44
25	KSRB15-3 Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as specifications.KSRB15-3.8 – do – cement mortar 1:4	Sqm	292.00										
	(Qty Up to 125%)	Sqm	292.00	284.49	83071.08	0.00	284.49	0.00	292.00	284.49	83071.08	292.00	83071.08
26	KSRB 15.3 Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.2 – do – cement mortar 1:4	Sqm	37.90										
	(Qty Up to 125%)	Sqm	16.42	222.36	3651.15	0.00	222.36	0.00	16.42	222.36	3651.15	16.42	3651.15
	(Qty Above125%)		21.48	246.18	5288.02	0.00	246.18	0.00	21.48	246.18	5288.02	21.48	5288.02
27	KSRB 15.3 Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.2 – do – cement mortar 1:4	Sqm	51.50	222.36	11451.54	0.00	222.36	0.00	51.50	222.36	11451.54	51.50	11451.54
28	KSRB15-5 Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-5.1 – do – cement mortar 1:4	Sqm	175.70	240.89	42324.37	0.00	240.89	0.00	175.70	240.89	42324.37	175.70	42324.37
29	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.(a) 100% for fresh surface	Sqm	89.30										
	(Qty Up to 125%)	Sqm	82.63	34.88	2882.13	0.00	34.88	0.00	82.63	34.88	2882.13	82.63	2882.13
	(Qty Above125%)		6.70	85.34	571.46	0.00	85.34	0.00	6.70	85.34	571.46	6.70	571.46
30	KSRB 15-15.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. do- with primer	Sqm	89.30									0.00	0.00
	(Qty Up to 125%)	Sqm	66.20	98.10	6494.22	0.00	98.10	0.00	66.20	98.10	6494.22	66.20	6494.22
	(Qty Above125%)	Sqm	23.10	98.47	2274.73	0.00	98.47	0.00	23.10	98.47	2274.73	23.10	2274.73
31	KSRB 15-16.1 Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. do- with primer	Sqm	292.00										

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
	(Qty Up to 125%)	Sqm	292.00	111.18	32464.56	0.00	111.18	0.00	292.00	111.18	32464.56	292.00	32464.56
32	KSRB 14.9-1 Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping, under layer of35mm thick m-15 cement concrete using broken granite metal of 20mmand down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of	Sqm	45.10	687.79	31019.33	0.00	687.79	0.00	45.10	687.79	31019.33	45.10	31019.33
33	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.	Sqm	29.00	1239.33	35940.57	0.00	1239.33	0.00	29.00	1239.33	35940.57	29.00	35940.57
34	KSRB 14.14-5 Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS do_ for Ceramic Tiles of size 30x30cms 6mm thick	Sqm	17.28	1318.90	22790.59	0.00	1318.90	0.00	17.28	1318.90	22790.59	17.28	22790.59
35	KSRB 14-17.2 Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms	Sqm	188.16	1778.88	334714.06	0.00	1778.88	0.00	188.16	1778.88	334714.06	188.16	334714.06
36	KSRB 9-27 Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masoory for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. KSRB 9-27.1 – do – Fixing of door frame	Nos	2.00	1487.85	2975.70	0.00	1487.85	0.00	2.00	1487.85	2975.70	2.00	2975.70
37	KSRB 9.4-1 Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.Specification No. KBS 9.33 KSRB 9.4-2 – do – Honne wood frames	Cum	0.09	95488.36	8593.95	0.00	95488.36	0.00	0.09	95488.36	8593.95	0.09	8593.95
38	KSRB 9.5 Providing and fixing in position fully panelled wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 KSRB 9.5-2 – do – Honne wood	Sqm	3.78	5146.98	19455.58	0.00	5146.98	0.00	3.78	5146.98	19455.58	3.78	19455.58
39	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.	Mtr	68.40	490.50	33550.20	0.00	490.50	0.00	68.40	490.50	33550.20	68.40	33550.20

m no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
40	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V.-stabilized Isopthalic Gelcoat and one layer of 450 gms E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters	Sqm	18.90	4142.00	78283.80	0.00	4142.00	0.00	18.90	4142.00	78283.80	18.90	78283.80
41	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm	3.00	97.01	291.03	0.00	97.01	0.00	3.00	97.01	291.03	3.00	291.03
42	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x1000mm.	Sqm	4.05	4248.82	17207.72	0.00	4248.82	0.00	4.05	4248.82	17207.72	4.05	17207.72
43	KSRB 7.9 : Providing and fixing M.S grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM completeas per specifications.Specification No. KBS 7.12	Kg	113.40	103.55	11742.57	0.00	103.55	0.00	113.40	103.55	11742.57	113.40	11742.57
44	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	5.40	105.73	570.94	0.00	105.73	0.00	5.40	105.73	570.94	5.40	570.94
45	waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the	Sqm	104.35	573.34	59828.03	0.00	573.34	0.00	104.35	573.34	59828.03	104.35	59828.03
46	KSRRB MI00-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density MORTH Specification No. 305	Cum	27.87	354.25	9872.95	0.00	354.25	0.00	27.87	354.25	9872.95	27.87	9872.95

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
47	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the topn cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	Sqm	8.00	3283.08	26264.64	0.00	3283.08	0.00	8.00	3283.08	26264.64	8.00	26264.64
48	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6	Nos	4.00	300.84	1203.36	0.00	300.84	0.00	4.00	300.84	1203.36	4.00	1203.36
49	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.1 Short point upto 3Mtr from tapping point to out let via switch	Point	3.00	174.40	523.20	0.00	174.40	0.00	3.00	174.40	523.20	3.00	523.20
50	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. 2.1.2 Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	3.00	299.75	899.25	0.00	299.75	0.00	3.00	299.75	899.25	3.00	899.25
51	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal /PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick	Rmt	25.00	70.85	1771.25	0.00	70.85	0.00	25.00	70.85	1771.25	25.00	1771.25
52	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 19/20mm dia 2mm thick	Rmt	15.00	57.77	866.55	0.00	57.77	0.00	15.00	57.77	866.55	15.00	866.55
53	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 25mm dia 2mm thick	Rmt	20.00	58.86	1177.20	0.00	58.86	0.00	20.00	58.86	1177.20	20.00	1177.20
54	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way	Each	34.00	41.42	1408.28	0.00	41.42	0.00	34.00	41.42	1408.28	34.00	1408.28
55	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4-5Way	Each	34.00	56.68	1927.12	0.00	56.68	0.00	34.00	56.68	1927.12	34.00	1927.12

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
56	Supplying 6A flush type socket and 6 amps flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 6Amps 3/5 Way	Nos	52.00	77.39	4024.28	0.00	77.39	0.00	52.00	77.39	4024.28	52.00	4024.28
57	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted wooden box and wiring as per IS 1293	Each	25.00	239.80	5995.00	0.00	239.80	0.00	25.00	239.80	5995.00	25.00	5995.00
58	Supplying and fixing of bakelite D.P./SOCKET/SWITCH with /without neon indicator over existing wood board or flush mounting in plastic plates /nitches as per is1293 16AMPS Cobined switch and socket	Nos	4.00	359.70	1438.80	0.00	359.70	0.00	4.00	359.70	1438.80	4.00	1438.80
59	Wiring for lighting/power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with lowonductor resistance single core in open orconcealedsystem of wiring with specified IS-694:confirming to latest amendments. 1 5 sqmm	Rmt	231.20	125.35	28980.92	0.00	125.35	0.00	231.20	125.35	28980.92	231.20	28980.92
60	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with lowconductor resistance single core in open or concealedsystem of wiring with specified IS-694:confirming to latestamendments. 2.5 sqmm	Rmt	221.20	132.98	29415.18	0.00	132.98	0.00	221.20	132.98	29415.18	221.20	29415.18
61	Supplying And Fixing Metal Fan Box with Round Hook.	Rmt	5.00	370.60	1853.00	0.00	370.60	0.00	5.00	370.60	1853.00	5.00	1853.00
62	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. 12Way SP &N	Each	2.00	261.60	523.20	0.00	261.60	0.00	2.00	261.60	523.20	2.00	523.20
63	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32 Amps DP	Nos	2.00	206.01	412.02	0.00	206.01	0.00	2.00	206.01	412.02	2.00	412.02
64	Supplying, fixing, wiring, earth electrode for grounding conduits, PC. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit .... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as	Nos	1.00	168.95	168.95	0.00	168.95	0.00	1.00	168.95	168.95	1.00	168.95
65	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.	mtr	50.00	70.85	3542.50	0.00	70.85	0.00	50.00	70.85	3542.50	50.00	3542.50
66	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.	Each	2.00	981.00	1962.00	0.00	981.00	0.00	2.00	981.00	1962.00	2.00	1962.00
67	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting.	Nos	54.00	239.80	12949.20	0.00	239.80	0.00	54.00	239.80	12949.20	54.00	12949.20
68	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.	Each	22.00	1962.00	43164.00	0.00	1962.00	0.00	22.00	1962.00	43164.00	22.00	43164.00

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
69	KSRB 11-5 Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and	Each	12.00	5402.04	64824.48	0.00	5402.04	0.00	12.00	5402.04	64824.48	12.00	64824.48
70	KSRB 11-11.1 Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	unit	7.00	3432.41	24026.87	0.00	3432.41	0.00	7.00	3432.41	24026.87	7.00	24026.87
71	KSRB 11-9.2 Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, C.I. trap with outlet grating and other couplings in C.P brass painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	7.00	11973.65	83815.55	0.00	11973.65	0.00	7.00	11973.65	83815.55	7.00	83815.55
72	KSRB 11-15.3 Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	2.00	1238.24	2476.48	0.00	1238.24	0.00	2.00	1238.24	2476.48	2.00	2476.48
73	KSRB 11-17-1 Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications	Unit	6.00	734.66	4407.96	0.00	734.66	0.00	6.00	734.66	4407.96	6.00	4407.96
74	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	each	26.00	163.50	4251.00	0.00	163.50	0.00	26.00	163.50	4251.00	26.00	4251.00
75	KSRB13-9 Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange,compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testingcomplete as per specifications.KSRB 13-8.9 :-do- 110mm	mtr	25.00	542.82	13570.50	0.00	542.82	0.00	25.00	542.82	13570.50	25.00	13570.50
76	KSRB13-9 Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.KSRB 13-8.9 :-do- 160mm	Mtr	35.00	683.43	23920.05	0.00	683.43	0.00	35.00	683.43	23920.05	35.00	23920.05
77	KSRB 12-8.1 Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.– do – 600x600mm and 450mm depth (clear inside dimension) forsingle pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light	Nos	3.00	9254.10	27762.30	0.00	9254.10	0.00	3.00	9254.10	27762.30	3.00	27762.30

Item no	Description of work	Unit	Modified schedule B			Previous Measurement			Present Measurement			Total Upto Date	
			Qnty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
78	KSRB 13-11 Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Each	2.00	2180.00	4360.00	0.00	2180.00	0.00	2.00	2180.00	4360.00	2.00	4360.00
79	KSRB13-6.1 Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore	Each	25.00	196.20	4905.00	0.00	196.20	0.00	25.00	196.20	4905.00	25.00	4905.00
80	KSRB13-6.2 Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications do - 20 mm dia nominal bore	Each	15.00	163.50	2452.50	0.00	163.50	0.00	15.00	163.50	2452.50	15.00	2452.50
81	KSRB13-6.3 Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. 20 mm dia nominal bore	Each	2.00	926.50	1853.00	0.00	926.50	0.00	2.00	926.50	1853.00	2.00	1853.00
82	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 20mm nominal OD pipes	Mtr	45.00	239.80	10791.00	0.00	239.80	0.00	45.00	239.80	10791.00	45.00	10791.00
83	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 25mm nominal OD pipes	Mtr	35.00	261.60	9156.00	0.00	261.60	0.00	35.00	261.60	9156.00	35.00	9156.00
	Sub Total										4422212.54		4422212.54
	GST 12%										530665.50		530665.50
	Grand Total										4952878.04		4952878.04

Certificate

1 The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. There are no departmental issues for this work

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka S/D Division
(SBMP Unit. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Executive Engineer